

Thyristor Modules Catalog



AMKT



SKKT



MTT



MT3

Possible alternatives, replacements, analogue, equivalent products.

List of series of power thyristor modules with similar parameters and housing sizes.

Series	I_{TAV}/I_{FAV} (T _{CASE})	V_{RRM}/V_{DRM}	Topology	Dimensions, mm	Package	Datasheet
AMKT 26	25 A (85°C)	600-1600 V	thyristor-thyristor	93x20x30	1	AMKT 26
SKKT 26	25 A (85°C)	600-1600 V	thyristor-thyristor	93x20x30	1	SKKT 26
MTT2-25	25 A (86°C)	400-1400 V	thyristor-thyristor	92x20x30	1	MTT2-25
AMKT 27	25 A (85°C)	800-1600 V	thyristor-thyristor	93x20x30	1	AMKT 27
SKKT 27	25 A (85°C)	800-1600 V	thyristor-thyristor	93x20x30	1	SKKT 27
MTT2-25	25 A (86°C)	400-1400 V	thyristor-thyristor	92x20x30	1	MTT2-25
AMKT 27B	25 A (85°C)	800-1600 V	thyristor-thyristor	93x20x30	1	AMKT 27
SKKT 27B	25 A (85°C)	800-1600 V	thyristor-thyristor	93x20x30	1	SKKT 27
MTT2-25	25 A (86°C)	400-1400 V	thyristor-thyristor	92x20x30	1	MTT2-25
AMKT 56	55 A (80°C)	600-2200 V	thyristor-thyristor	93x20x30	1	AMKT 56
SKKT 56	55 A (80°C)	600-2200 V	thyristor-thyristor	93x20x30	1	SKKT 56
MTT-63	63 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-63
AMKT 57	50 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	AMKT 57
SKKT 57	50 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	SKKT 57
MTT-63	63 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-63
AMKT 57B	50 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	AMKT 57B
SKKT 57B	50 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	SKKT 57B
MTT-63	63 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-63

Series	I_{TAV}/I_{FAV} (T_{CASE})	V_{RRM}/V_{DRM}	Topology	Dimensions, mm	Package	Datasheet
AMKT 58	55 A (85°C)	1600 V	thyristor-thyristor	93x20x30	1	AMKT 58
SKKT 58	55 A (85°C)	1600 V	thyristor-thyristor	93x20x30	1	SKKT 58
MTT-63	63 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-63
AMKT 58B	55 A (85°C)	1600 V	thyristor-thyristor	93x20x30	1	AMKT 58B
SKKT 58B	55 A (85°C)	1600 V	thyristor-thyristor	93x20x30	1	SKKT 58B
MTT-63	63 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-63
AMKT 71	70 A (85°C)	600-1800 V	thyristor-thyristor	93x20x30	1	AMKT 71
SKKT 71	70 A (85°C)	600-1800 V	thyristor-thyristor	93x20x30	1	SKKT 71
MTT-80	80 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-80
AMKT 72	70 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	AMKT 72
SKKT 72	70 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	SKKT 72
MTT-80	80 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-80
AMKT 72B	70 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	AMKT 72B
SKKT 72B	70 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	SKKT 72B
MTT-80	80 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-80
AMKT 91	95 A (85°C)	600-1800 V	thyristor-thyristor	93x20x30	1	AMKT 91
SKKT 91	95 A (85°C)	600-1800 V	thyristor-thyristor	93x20x30	1	SKKT 91
MTT-100	100 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-100
AMKT 92	95 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	AMKT 92
SKKT 92	95 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	SKKT 92
MTT-100	100 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-100
AMKT 92B	95 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	AMKT 92
SKKT 92B	95 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	SKKT 92
MTT-100	100 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-100
AMKT 105	106 A (85°C)	600-1800 V	thyristor-thyristor	93x20x30	1	AMKT 105
SKKT 105	106 A (85°C)	600-1800 V	thyristor-thyristor	93x20x30	1	SKKT 105
MTT-100	100 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-100
MT3-115	115 A (85°C)	3000-3600 V	thyristor-thyristor	94x34x30	2	MT3-115
AMKT 106	106 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	AMKT 106
SKKT 106	106 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	SKKT 106
MTT-100	100 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-100
MT3-115	115 A (85°C)	3000-3600 V	thyristor-thyristor	94x34x30	2	MT3-115
AMKT 106B	106 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	AMKT 106B
SKKT 106B	106 A (85°C)	800-1800 V	thyristor-thyristor	93x20x30	1	SKKT 106B
MTT-100	100 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-100
MT3-115	115 A (85°C)	3000-3600 V	thyristor-thyristor	94x34x30	2	MT3-115

Series	I_{TAV}/I_{FAV} (T _{CASE})	V_{RRM}/V_{DRM}	Topology	Dimensions, mm	Package	Datasheet
AMKT 107	119 A (85°C)	1600 V	thyristor-thyristor	93x20x30	1	AMKT 107
SKKT 107	119 A (85°C)	1600 V	thyristor-thyristor	93x20x30	1	SKKT 107
MTT-100	100 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-100
MT3-125	125 A (87°C)	2400-2800 V	thyristor-thyristor	94x34x30	2	MT3-115
AMKT 107B	119 A (85°C)	1600 V	thyristor-thyristor	93x20x30	1	AMKT 107B
SKKT 107B	119 A (85°C)	1600 V	thyristor-thyristor	93x20x30	1	SKKT 107B
MTT-100	100 A (86°C)	400-1600 V	thyristor-thyristor	92x20x30	1	MTT-100
MT3-125	125 A (87°C)	2400-2800 V	thyristor-thyristor	94x34x30	2	MT3-115
AMKT 122	129 A (85°C)	800-1800 V	thyristor-thyristor	94x34x30	2	AMKT 122
SKKT 122	129 A (85°C)	800-1800 V	thyristor-thyristor	94x34x30	2	SKKT 122
MTT-125	125 A (87°C)	2400-2800 V	thyristor-thyristor	94x34x30	2	MTT-125
MT3-130	130 A (85°C)	2400-2800 V	thyristor-thyristor	94x34x30	2	MT3-130
AMKT 132	137 A (85°C)	800-1800 V	thyristor-thyristor	94x34x30	2	AMKT 132
SKKT 132	137 A (85°C)	800-1800 V	thyristor-thyristor	94x34x30	2	SKKT 132
MTT-125	125 A (87°C)	2400-2800 V	thyristor-thyristor	94x34x30	2	MTT-125
MT3-130	130 A (85°C)	2400-2800 V	thyristor-thyristor	94x34x30	2	MT3-130
AMKT 132 H4	128 A (85°C)	2000-2200 V	thyristor-thyristor	94x34x30	2	AMKT 132 H4
SKKT 132 H4	128 A (85°C)	2000-2200 V	thyristor-thyristor	94x34x30	2	SKKT 132 H4
MTT-125	125 A (87°C)	2400-2800 V	thyristor-thyristor	94x34x30	2	MTT-125
MT3-130	130 A (85°C)	2400-2800 V	thyristor-thyristor	94x34x30	2	MT3-130
AMKT 162	156 A (85°C)	800-1800 V	thyristor-thyristor	94x34x30	2	AMKT 162
SKKT 162	156 A (85°C)	800-1800 V	thyristor-thyristor	94x34x30	2	SKKT 162
MTT-160	160 A (84°C)	400-1600 V	thyristor-thyristor	94x34x30	2	MTT-160
AMKT 162 H4	143 A (85°C)	2000-2200 V	thyristor-thyristor	94x34x30	2	AMKT 162 H4
SKKT 162 H4	143 A (85°C)	2000-2200 V	thyristor-thyristor	94x34x30	2	SKKT 162 H4
MT3-160	160 A (87°C)	2000-2200 V	thyristor-thyristor	94x34x30	2	MT3-160
MT3-165	165 A (85°C)	2000-2200 V	thyristor-thyristor	94x34x30	2	MT3-165
AMKT 172	175 A (85°C)	1400-1800 V	thyristor-thyristor	94x34x30	2	AMKT 172
SKKT 172	175 A (85°C)	1400-1800 V	thyristor-thyristor	94x34x30	2	SKKT 172
MT3-200	200 A (84°C)	1000-1800 V	thyristor-thyristor	94x34x30	2	MT3-200
AMKT 215	215 A (85°C)	1600-1800 V	thyristor-thyristor	94x34x30	2	AMKT 215
SKKT 215	215 A (85°C)	1600-1800 V	thyristor-thyristor	94x34x30	2	SKKT 215
MT3-200	200 A (84°C)	1000-1800 V	thyristor-thyristor	94x34x30	2	MT3-200

Series	I_{TAV}/I_{FAV} (T _{CASE})	V_{RRM}/V_{DRM}	Topology	Dimensions, mm	Package	Datasheet
AMKT 210	210 A (90°C)	800-2200 V	thyristor-thyristor	115x50x52	3	AMKT 210
SKKT 210	210 A (90°C)	800-2200 V	thyristor-thyristor	115x50x52	3	SKKT 210
MTT-200	200 A (85°C)	400-1600 V	thyristor-thyristor	115x53x51	3	MTT-200
MT3-200	200 A (93°C)	2600-2800 V	thyristor-thyristor	115x50x52	3	MT3-200
AMKT 213	213 A (90°C)	800-2200 V	thyristor-thyristor	115x50x52	3	AMKT 213
SKKT 213	213 A (90°C)	800-2200 V	thyristor-thyristor	115x50x52	3	SKKT 213
MTT-200	200 A (85°C)	400-1600 V	thyristor-thyristor	115x53x51	3	MTT-200
MT3-200	200 A (93°C)	2600-2800 V	thyristor-thyristor	115x50x52	3	MT3-200
AMKT 250	250 A (85°C)	800-1800 V	thyristor-thyristor	115x50x52	3	AMKT 250
SKKT 250	250 A (85°C)	800-1800 V	thyristor-thyristor	115x50x52	3	SKKT 250
MTT-250	250 A (83°C)	400-1600 V	thyristor-thyristor	115x53x51	3	MTT-250
MT3-250-C1	250 A (91°C)	2000-2400 V	thyristor-thyristor	115x50x52	3	MT3-250-C1
AMKT 273	273 A (85°C)	1200-1800 V	thyristor-thyristor	115x50x52	3	AMKT 273
SKKT 273	273 A (85°C)	1200-1800 V	thyristor-thyristor	115x50x52	3	SKKT 273
MTT-300	300 A (83°C)	400-1200 V	thyristor-thyristor	115x53x51	3	MTT-300
AMKT 280 H4	252 A (85°C)	2000-2200 V	thyristor-thyristor	115x50x52	3	AMKT 280 H4
SKKT 280 H4	252 A (85°C)	2000-2200 V	thyristor-thyristor	115x50x52	3	SKKT 280 H4
MTT-250	250 A (83°C)	400-1600 V	thyristor-thyristor	115x53x51	3	MTT-250
MT3-250-C1	250 A (91°C)	2000-2400 V	thyristor-thyristor	115x50x52	3	MT3-250-C1
MT3-250-A2	250 A (87°C)	3800-4400 V	thyristor-thyristor	150x60x52	5	MT3-250-A2
MT3-260-A2	260 A (85°C)	3800-4400 V	thyristor-thyristor	150x60x52	5	MT3-260-A2
AMKT 323	320 A (85°C)	1200-1800 V	thyristor-thyristor	115x50x52	3	AMKT 323
SKKT 323	320 A (85°C)	1200-1800 V	thyristor-thyristor	115x50x52	3	SKKT 323
MTT-300	300 A (83°C)	400-1200 V	thyristor-thyristor	115x53x51	3	MTT-300
MTT-350	350 A (83°C)	600-1200 V	thyristor-thyristor	115x53x51	3	MTT-350
MT3-320-C1	320 A (90°C)	1000-1800 V	thyristor-thyristor	115x50x52	3	MT3-320-C1
MT3-320-A2	320 A (85°C)	3000-3600 V	thyristor-thyristor	150x60x52	5	MT3-320-A2
AMKT 330	305 A (85°C)	800-1800 V	thyristor-thyristor	115x50x52	3	AMKT 330
SKKT 330	305 A (85°C)	800-1800 V	thyristor-thyristor	115x50x52	3	SKKT 330
MTT-300	300 A (83°C)	400-1200 V	thyristor-thyristor	115x53x51	3	MTT-300
MTT-350	350 A (83°C)	600-1200 V	thyristor-thyristor	115x53x51	3	MTT-350
MT3-320-C1	320 A (90°C)	1000-1800 V	thyristor-thyristor	115x50x52	3	MT3-320-C1
MT3-320-A2	320 A (85°C)	3000-3600 V	thyristor-thyristor	150x60x52	5	MT3-320-A2
AMKT 430	430 A (86°C)	1600-2200 V	thyristor-thyristor	150x60x52	5	AMKT 430
SKKT 430	430 A (86°C)	1600-2200 V	thyristor-thyristor	150x60x52	5	SKKT 430
MT3-400-A2	400 A (82°C)	2000-2800 V	thyristor-thyristor	150x60x52	5	MT3-400-A2
MT3-430-A2	430 A (85°C)	2000-2400 V	thyristor-thyristor	150x60x52	5	MT3-430-A2
MT3-400-D	400 A (88°C)	3800-4400 V	thyristor-thyristor	180x77x84	7	MT3-400-D

Series	I_{TAV}/I_{FAV} (T_{CASE})	V_{RRM}/V_{DRM}	Topology	Dimensions, mm	Package	Datasheet
AMKT 460	460 A (85°C)	1600-2200 V	thyristor-thyristor	150x60x52	5	AMKT 460
SKKT 460	460 A (85°C)	1600-2200 V	thyristor-thyristor	150x60x52	5	SKKT 460
MTT-500	500 A (86°C)	800-1800 V	thyristor-thyristor	150x60x52	5	MTT-500
MT3-500-A2	500 A (89°C)	1400-1800 V	thyristor-thyristor	150x60x52	5	MT3-500-A2
MT3-500-D	500 A (85°C)	3000-3600 V	thyristor-thyristor	180x77x84	7	MT3-500-D
AMKT 500	500 A (89°C)	800-1800 V	thyristor-thyristor	150x60x52	5	AMKT 500
SKKT 500	500 A (89°C)	800-1800 V	thyristor-thyristor	150x60x52	5	SKKT 500
MTT-500	500 A (86°C)	800-1800 V	thyristor-thyristor	150x60x52	5	MTT-500
MT3-500-A2	500 A (89°C)	1400-1800 V	thyristor-thyristor	150x60x52	5	MT3-500-A2
MT3-500-D	500 A (85°C)	3000-3600 V	thyristor-thyristor	180x77x84	7	MT3-500-D
AMKT 570	570 A (85°C)	1200-1800 V	thyristor-thyristor	150x60x52	5	AMKT 570
SKKT 570	570 A (85°C)	1200-1800 V	thyristor-thyristor	150x60x52	5	SKKT 570
MT3-540-A2	540 A (85°C)	1400-1800 V	thyristor-thyristor	150x60x52	5	MT3-540-A2
MTT-630	630 A (86°C)	600-1600 V	thyristor-thyristor	150x60x52	5	MTT-630
MT3-630-A2	630 A (87°C)	1000-1200 V	thyristor-thyristor	150x60x52	5	MT3-630-A2
MT3-630-D	630 A (80°C)	2600-2800 V	thyristor-thyristor	180x77x84	7	MT3-630-D

Alternative series of thyristor modules for currents up to 1250A are also available to order.

Series	I_{TAV}/I_{FAV} (T_{CASE})	V_{RRM}/V_{DRM}	Topology	Dimensions, mm	Package	Datasheet
MT3-700-A2	700 A (80°C)	1400-1800 V	thyristor-thyristor	150x60x52	5	MT3-700-A2
MT3-740-D	740 A (77°C)	2000-2400 V	thyristor-thyristor	180x77x84	7	MT3-740-24
MTT-800	800 A (86°C)	600-1600 V	thyristor-thyristor	180x77x84	7	MTT-800
MT3-800-D	800 A (78°C)	1400-1800 V	thyristor-thyristor	180x77x84	7	MT3-800-D
MTT-1000	1000 A (86°C)	400-1200 V	thyristor-thyristor	180x77x84	7	MTT-1000
MT3-1000-D	1000 A (77°C)	1000-1200 V	thyristor-thyristor	180x77x84	7	MT3-1000-D
MTT-1250	1250 A (77°C)	400-800 V	thyristor-thyristor	180x77x84	7	MTT-1250
MT3-1250-D	1250 A (77°C)	100-800 V	thyristor-thyristor	180x77x84	7	MT3-1250-D

